Pioneer *sound.vision.soul*

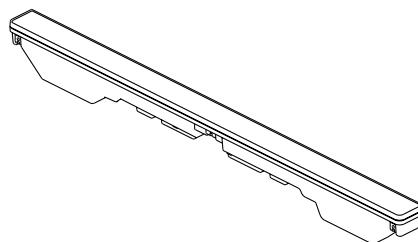# Service Manual

PDP-S40U

SPEAKER SYSTEM
PDP-S40U XTW/UC

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65

1.REASSEMBLY AND DISASSEMBLY PRECAUTIONS

● The grille ASSY is attached to the baffle by its bosses and double-sided self-adhesive tape.
To detach it, first remove the packing on the top of the unit. Then pry it open little by little by inserting a flat blade screwdriver (covered with a cloth) into the slot between the grille ASSY and the baffle.

Grille ASSY

Slot

Baffle

Cloth

Screwdriver(-)
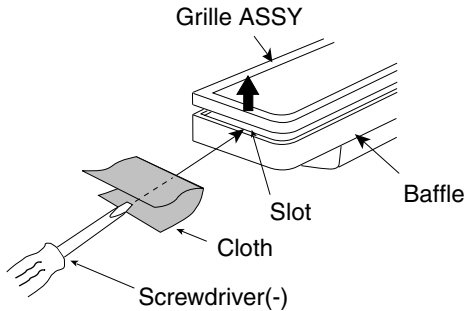
*Be careful not to damage the grille ASSY by bending too much.

Grille ASSY

Baffle

Grille ASSY
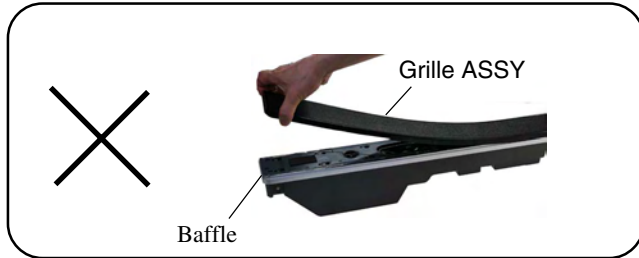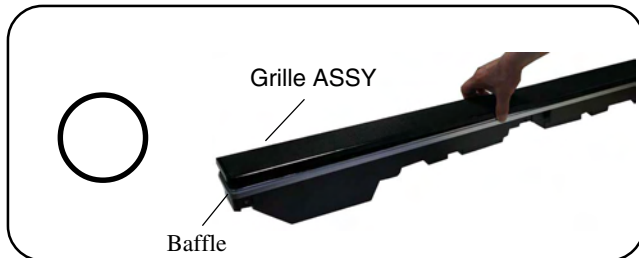
Baffle

To re-attach it, press it to the baffle using new double-sided self-adhesive tape.

Tape
SEH1089   Baffle
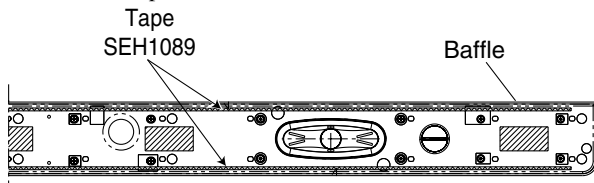
Then, attach new packing on the top of the unit.

Baffle

Packing

Grille ASSY

● The woofer is attached to the baffle by 4 internal screws.
To detach it, unfasten the 6 screws on the back of cabinet C. Then, unfasten the 12 screws on the front of cabinet L. Do the same for cabinet R.
When attaching, the plus terminal should be facing inward.

● The tweeter is attached to the baffle by 2 internal screws.
To detach it, unfasten the 6 screws on the back of cabinet C. Then, unfasten the 12 screws on the front of cabinet L. Do the same for cabinet R.
When attaching, the plus terminal should be facing upward.

● It is hard-wired between the input terminal and the network ASSY. When detaching the Network ASSY, swing to pull it out.

② ① ①
Input terminal

Network ASSY
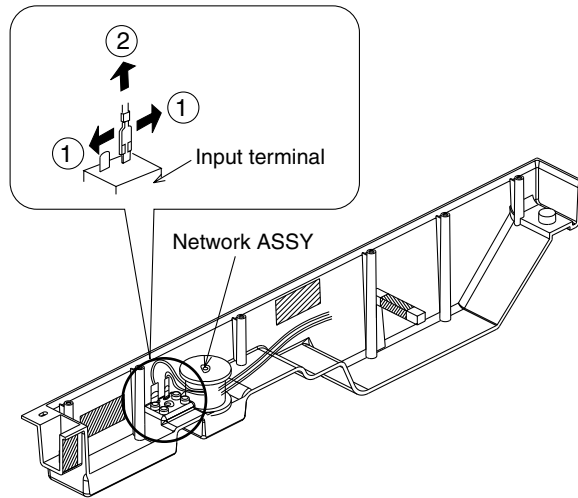
2.EXPLODED VIEW

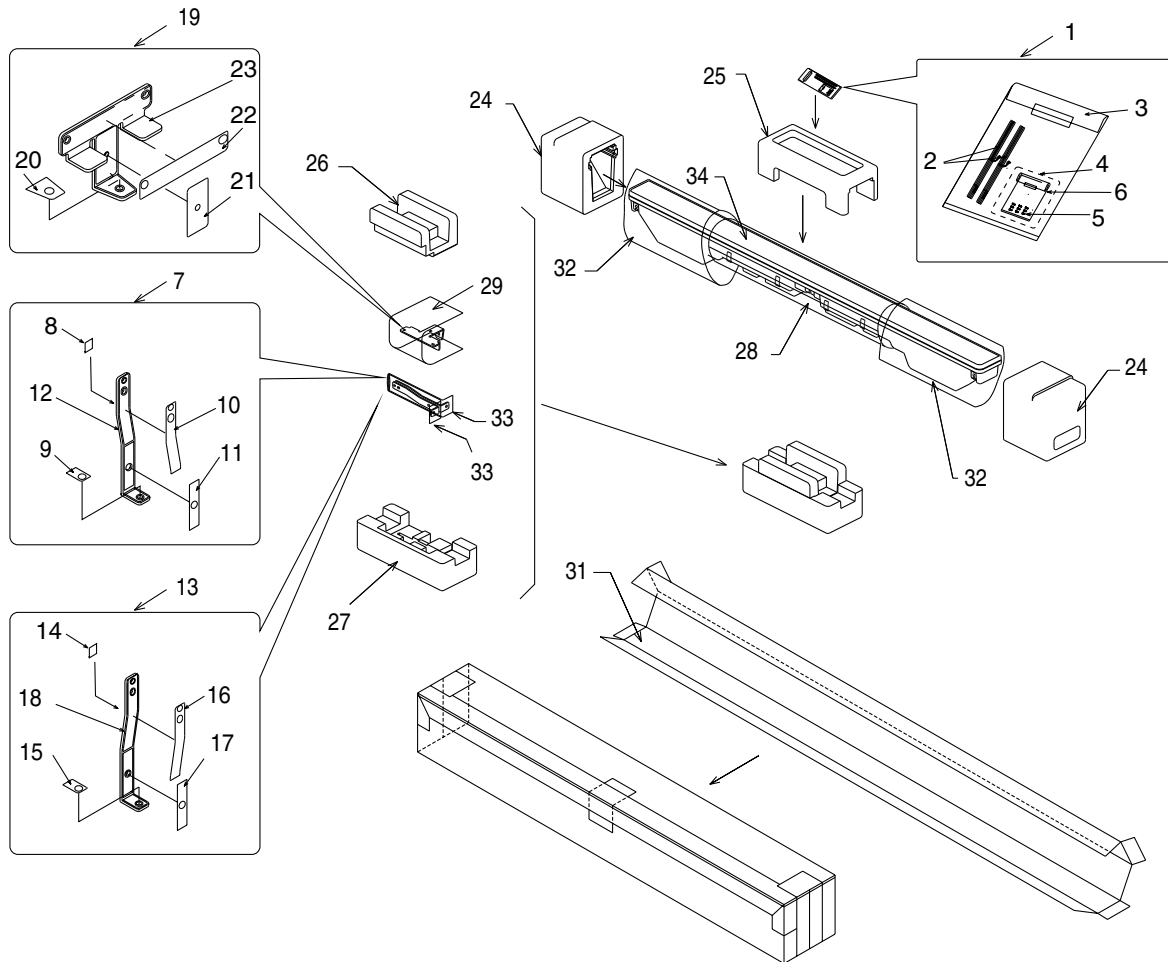*NOTES:* ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.*
  Therefore, when replacing, be sure to use parts of identical designation.

2.1 PACKING

PACKING PARTS LIST

Mark	No.	Description	Part No.
NSP	1	Accessory Set	SME3695
	2	─ Speaker Wire	SDS1191
	3	─ Polyethylene Bag S1	SHL1439
NSP	4	─ Screws Set	SME3696
	5	─Screw	BMZ50P100FTB
	6	─Polyethylene Bag S0	SHL1438
	7	Bracket Assy(L)	SXG1107
NSP	8	─ Label(L)	SAK1024
	9	─ Gasket	SED1136
	10	─ Gasket(L)	SED1137
	11	─ Gasket	SED1138
NSP	12	─ Bracket L	SNA1465
	13	Bracket ASSY(R)	SXG1108
NSP	14	─ Label(R)	SAK1025
	15	─ Gasket	SED1136
	16	─ Gasket	SED1138
	17	─ Gasket(R)	SED1139
NSP	18	─ Bracket R	SNA1466

Mark	No.	Description	Part No.
	19	Bracket ASSY(C)	SXG1109
	20	─ Gasket	SED1140
	21	─ Gasket	SED1141
	22	─ Gasket	SED1142
NSP	23	─ Bracket C	SNA1467
	24	Form Pad(Side)	SHA2544
	25	Form Pad(C-T)	SHA2545
	26	Form Pad(C-M)	SHA2546
	27	Form Pad(C-B)	SHA2547
	28	Protection Sheet S3	SHC1846
	29	Protection Sheet S1	SHC1847
	30	• • • • •	
	31	Packing Case	SHG2755
	32	Packing Bag S2	SHL1450
	33	Polyethylene Bag S0	SHL1451
NSP	34	CS ASSY	SMW1945
NSP		Label Serial	SRW1112

2.2 CS ASSY

Baffle (back)

Cabinet (inside)

Tweeter

Input Terminal

Grille ASSY (back)
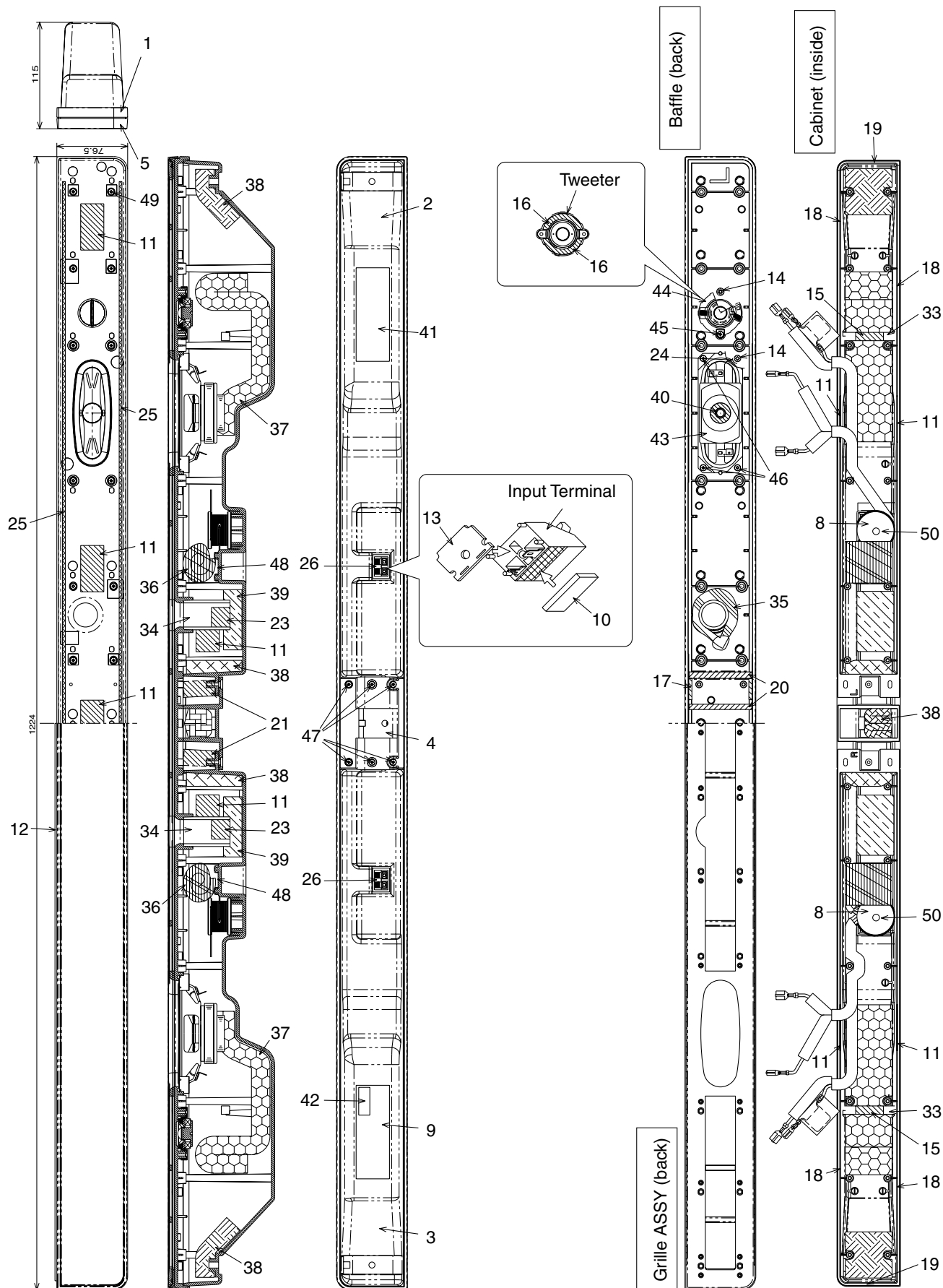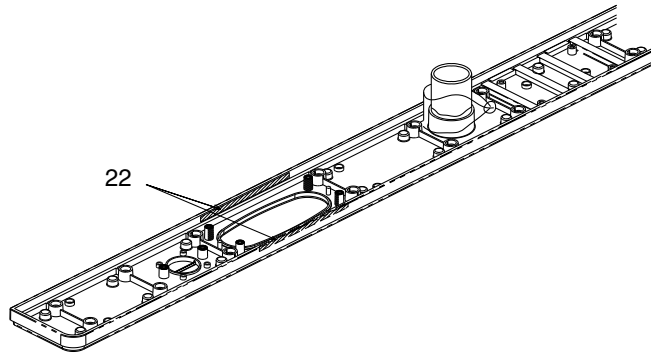
●BAFFLE

CS ASSY PARTS LIST

Mark	No.	Description	Part No.
NSP	1	Baffle	SNK2932
NSP	2	Cabinet ASSY L	SXG1110
NSP		├ Insert Nut M5	SBN1062
NSP		└ Cabinet L	SNK2933
NSP	3	Cabinet ASSY R	SXG1111
NSP		├ Insert Nut M5	SBN1062
NSP		└ Cabinet R	SNK2934
NSP	4	Cabinet Assy C	SXG1112
NSP		├ Insert Nut M5	SBN1062
NSP		└ Cabinet C	SNK2935
	5	Grille ASSY	SMG1878
NSP		├ Grille Cloth	SAS1618
NSP		├ Gasket	SEC2090
NSP		├ Gasket	SEC2091
NSP		├ Felt	SED1134
NSP		├ Tape	SEH1089
NSP		├ Tape	SEH1090
NSP		├ Grille Frame	SMH1115
NSP		└ Cosmetic Frame	SNK2936
	6	•••••	
	7	•••••	
	8	Network ASSY	SWN1779
NSP	9	Model Label	SAN3878
NSP	10	Gasket	SEB1299
NSP	11	Gasket	SEB1300
	12	Gasket	SEC2073
NSP	13	Gasket	SEC2074
	14	Gasket	SEC2076
NSP	15	Gasket	SEC2078
	16	Gasket	SEC2083
NSP	17	Gasket	SEC2085
NSP	18	Gasket	SEC2086
NSP	19	Gasket	SEC2087
NSP	20	Gasket	SEC2092

Mark	No.	Description	Part No.
NSP	21	Gasket	SEC2093
NSP	22	Gasket	SEC2094
NSP	23	Felt	SED1127
NSP	24	Felt	SED1130
	25	Tape	SEH1089
	26	Input Terminal	SKX1098
NSP		├ Spring	SBH1003
NSP		├ Terminal	SKF1064
NSP		├ Terminal	SKF1065
NSP		├ Case	SNK2909
NSP		├ Lever (Black)	SNK2910
NSP		└ Lever (Red)	SNK2911
	27	•••••	
	28	•••••	
	29	•••••	
	30	•••••	
	31	•••••	
	32	•••••	
NSP	33	MDF Bar	SLX1165
NSP	34	Paper Tube 26	SMR1403
NSP	35	Acoustic Absorbent	SMT1331
NSP	36	Acoustic Absorbent	SMT1333
NSP	37	Acoustic Absorbent	SMT1334
NSP	38	Acoustic Absorbent	SMT1335
NSP	39	Acoustic Absorbent	SMT1336
NSP	40	Acoustic Absorbent	SMV2230
NSP	41	Caution Label	SRR1021
NSP	42	Label Serial	SRW1111
	43	Speaker	H132DC65-51F
	44	Speaker	FK26AP32-55L
	45	Screw	BPZ30P080FTC
	46	Screw	BPZ35P080FTC
	47	Screw	BPZ35P120FTB
	48	Screw	BPZ35P120FTC
	49	Screw	BPZ35P140FTC
	50	Screw	BPZ40P350FTC

3.SCHEMATIC DIAGRAM

Network ASSY (SWN1779)